

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET N. 10991744-4

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Janice Nickel

Confirmation No.: 8131

Application No.: 09/981,277

Examiner: M. Lewis

Filing Date: 10/17/2001

Group Art Unit: 2822

Title: SPIN DEPENDENT TUNNELING JUNCTIONS INCLUDING FERROMAGNETIC LAYERS  
HAVING FLATTENED PEAKS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

FAX RECEIVED

JUN 06 2003

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

TECHNOLOGY CENTER 2800

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment (X) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
( ) No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")  
(X) Other: Credit card payment form for extension fee (fee \$ 110.00)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$84	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$280	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$410.00	3RD MONTH \$930.00	4TH MONTH \$1450.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. ~~A duplicate copy of this sheet is enclosed.~~

Respectfully submitted,

(X) I hereby certify that this paper is being transmitted  
to the Patent and Trademark Office facsimile  
number (703) 872-8318 on 6/6/2003  
Number of pages: 12

Typed Name: Hugh P. Gortler

Signature:

Janice Nickel

By

Hugh P. Gortler

Attorney/Agent for Applicant(s)  
Reg. No. 33,890

Date: 6/6/2003

#146  
B-1003

PATENT  
PDNO 10991744-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Janice Nickel  
Serial No. 09/981,277  
Filed: October 17, 2001  
For: SPIN DEPENDENT TUNNELING JUNCTIONS INCLUDING FERROMAGNETIC LAYERS HAVING FLATTENED PEAKS

: Confirmation No. 8131  
:  
:  
: Examiner: Monica Lewis  
: Group Art Unit: 2822  
:

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

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**AMENDMENT**

This amendment is filed in response to the office action dated February 6, 2003. The amendment includes a section for amendments to the claims, and a section for remarks.

The amendment adds claims 21-22. An added claims fee has not been incurred, since the total number of claims does not exceed twenty, and the number of independent claims does not exceed three.

Attached to this amendment is a petition for a one month extension of time. The petition extends the shortened statutory period for response from May 6, 2003 to June 6, 2003. Also attached is a credit card authorization, which covers the petition fee.